

The Trail Inventory of Seal Beach NWR

Seal Beach, CA



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Federal Highway Administration
Central Federal Lands Highway Division
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Seal Beach NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Native	0.06	100%	0.06
Gravel	0.79	100%	0.79
Total	0.85	100%	0.85

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC4	0.27	100%	0.27
TC5	0.58	100%	0.58
Total	0.85	100%	0.85

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

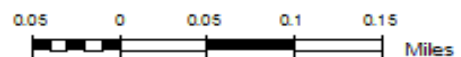
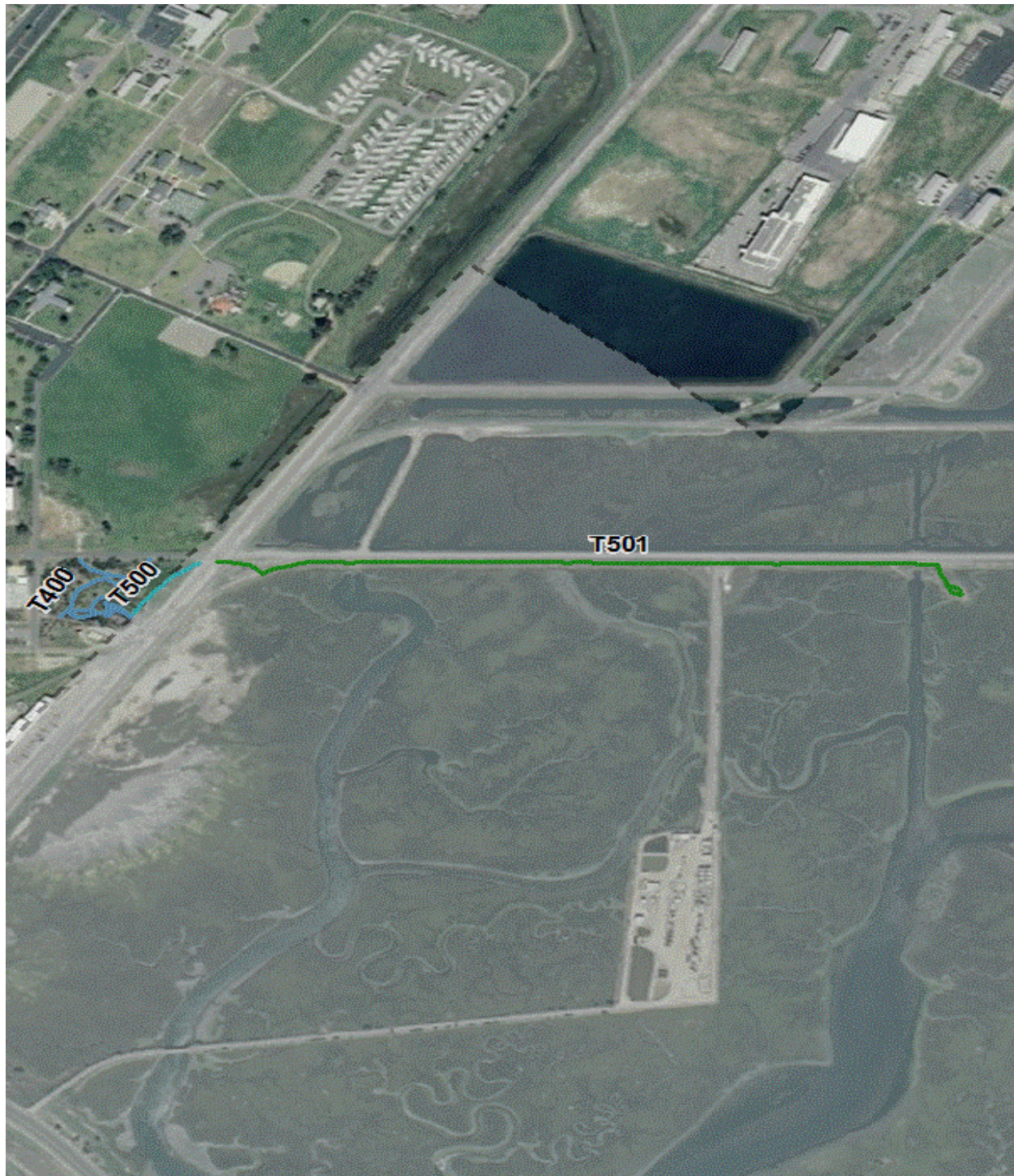
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Trailhead	1	No	0.00	SEBE_C2_131 0
T400	Sign	1	No	0.00	SEBE_C2_131 1
T400	Begin Section	1	No	0.04	SEBE_C2_131 7
T400	Begin Section	1	No	0.04	SEBE_C2_131 2
T400	Bench	1	No	0.05	
T400	Begin Section	1	No	0.05	SEBE_C2_131 8
T400	Bench	1	No	0.06	
T400	Bench	1	No	0.09	
T400	Begin Section	1	No	0.09	SEBE_C2_131 5
T400	Begin Section	1	No	0.09	SEBE_C2_131 3
T400	Begin Section	1	No	0.11	SEBE_C2_131 6
T400	Bench	1	No	0.11	
T400	Begin Section	1	No	0.12	
T500	Sign	11	Yes	0.00	
T500	Trailhead	1	No	0.00	SEBE_C2_131 9
T500	Sign	3	Yes	0.06	
T501	Trailhead	1	No	0.00	
T501	Sign	6	Yes	0.23	
T501	Lookout/Ob Deck	1	No	0.50	

sf - square feet

lf - linear feet

cf - cubic feet

Seal Beach NWR Trail Location Map



Trails ID

Station Name: Seal Beach NWR

Org Code: 81683

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Native Plant Garden Trail	Gravel	10041532	0.21	From HQ/VC parking (Rte 900) to Bolsa Avenue
T400	Native Plant Garden Trail	Native	10041532	0.06	From HQ/VC parking (Rte 900) to Bolsa Avenue
T500	Discovery Trail	Gravel	N/A	0.06	From HQ/VC parking (Rte 900) to Bolsa Avenue & Kitts HWY
T501	Bolsa Avenue Public Use Trail	Gravel	N/A	0.52	Bolsa Avenue to Observation Deck

TRAIL CONDITION



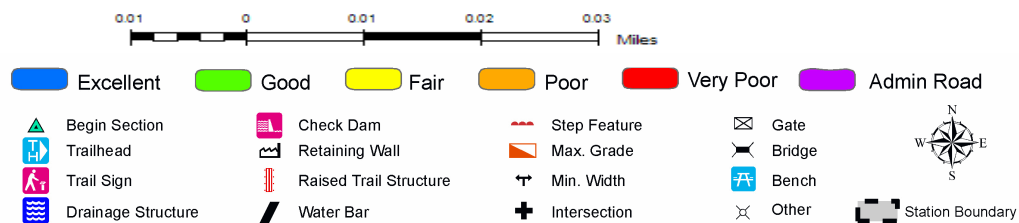
Trail Name: Native Plant Garden Trail
Trail Number: T400

Refuge Name: Seal Beach NWR
Region: 8

Total Length: 0.28 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.04	0.06	0.05	0.01	0.02
SAMMS Number	10041532	10041532	10041532	10041532	10041532
Rating Date	01/23/2007	01/23/2007	01/23/2007	01/23/2007	01/23/2007
Trail Section Information					
Trail Class	TC4	TC4	TC4	TC4	TC4
Surface Type	Gravel	Native	Gravel	Gravel	Gravel
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	68	75	75	50	96
Average Grade (%)	2.0	2.0	2.0	2.0	2.0
Average X-slope (%)	1.50	1.50	1.50	1.50	1.50
Trail Condition Information					
Deferred Maintenance					
CRV	\$6,360	\$9,644	\$8,767	\$1,169	\$4,490
FCI	0.00	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

TRAIL CONDITION



Trail Name: Native Plant Garden Trail
Trail Number: T400

Refuge Name: Seal Beach NWR
Region: 8

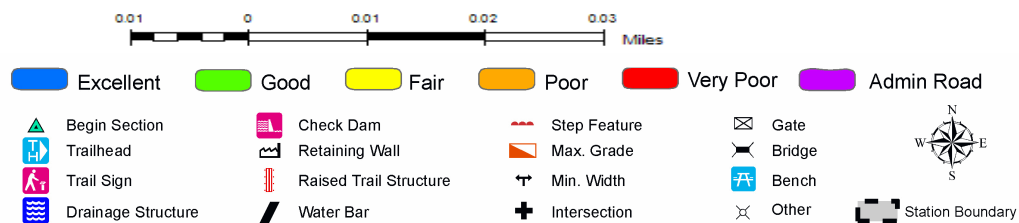
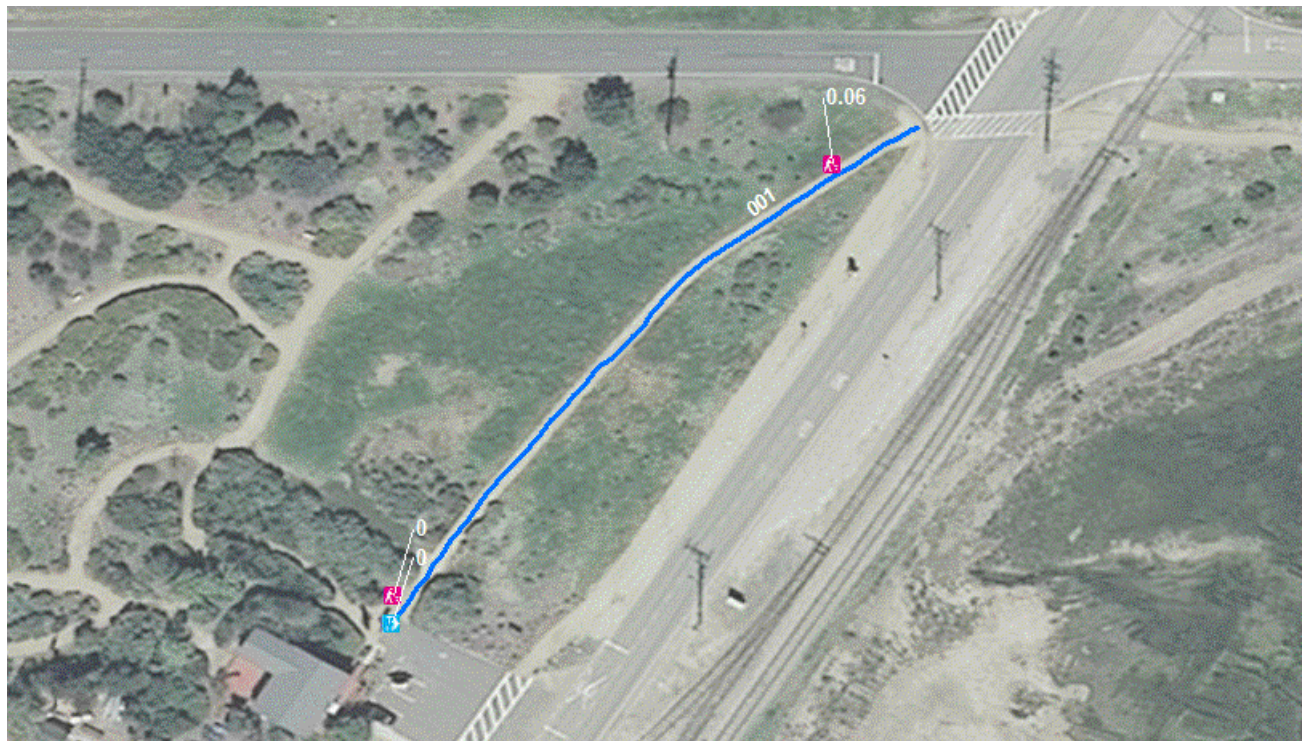
Total Length: 0.28 Miles

Section Number	006	007	008
Section Length (miles)	0.02	0.03	0.04
SAMMS Number	10041532	10041532	10041532
Rating Date	01/23/2007	01/23/2007	01/23/2007
Trail Section Information			
Trail Class	TC4	TC4	TC4
Surface Type	Gravel	Gravel	Gravel
Surface Firmness	Firm	Firm	Firm
Width (inches)	88	110	62
Average Grade (%)	2.0	2.0	2.0
Average X-slope (%)	1.50	1.50	1.50
Trail Condition Information			
Deferred Maintenance			
CRV	\$4,113	\$7,715	\$5,797
FCI	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$48,056	0.00	Excellent

TRAIL CONDITION



Trail Name: Discovery Trail
Trail Number: T500

Refuge Name: Seal Beach NWR
Region: 8

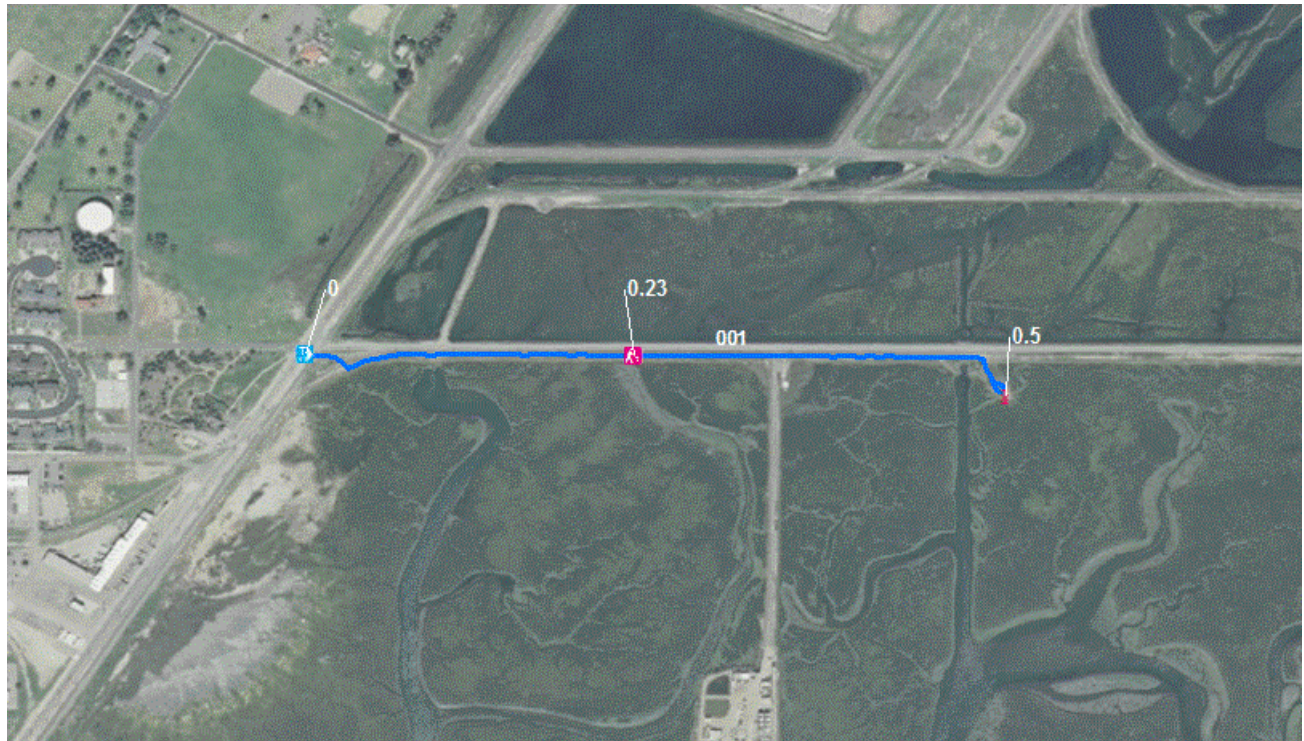
Total Length: 0.06 Miles

Section Number	001
Section Length (miles)	0.06
SAMMS Number	N/A
Rating Date	01/23/2007
Trail Section Information	
Trail Class	TC5
Surface Type	Gravel
Surface Firmness	Firm
Width (inches)	85
Average Grade (%)	2.1
Average X-slope (%)	1.10
Trail Condition Information	
Deferred Maintenance	
CRV	\$11,924
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$11,924	0.00	Excellent

TRAIL CONDITION



Trail Name: Bolsa Avenue Public Use Trail **Refuge Name:** Seal Beach NWR

Trail Number: T501

Region: 8

Total Length: 0.52 Miles

Section Number	001
Section Length (miles)	0.52
SAMMS Number	N/A
Rating Date	09/02/2011
Trail Section Information	
Trail Class	TC5
Surface Type	Gravel
Surface Firmness	Firm
Width (inches)	48
Average Grade (%)	1.7
Average X-slope (%)	0.80
Trail Condition Information	
Deferred Maintenance	
CRV	\$58,354
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$58,354	0.00	Excellent

TRAIL DEFICIENCY

No Deficiencies

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Seal Beach NWR

DATE: 01/23/2007



Photo # SEBE_C2_1310 - MP 0.00 - Trailhead

TRAIL NUMBER: T400

STATION: Seal Beach NWR

DATE: 01/23/2007



Photo # SEBE_C2_1311 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1312 - MP 0.04 - Begin Section

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1313 - MP 0.09 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1315 - MP 0.09 - Begin Section

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1316 - MP 0.11 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1317 - MP 0.04 - Begin Section

TRAIL NUMBER: T400
STATION: Seal Beach NWR
DATE: 01/23/2007



Photo # SEBE_C2_1318 - MP 0.05 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Seal Beach NWR

DATE: 01/23/2007



Photo # SEBE_C2_1319 - MP 0.00 - Trailhead

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	SAMMS number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
AvgSlope	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.

Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the “Action” (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.